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1	BRS	L1	4040	phase adj contrast\$	USPAT	2004/07/06 11:06
2	BRS	L2	59	1 and radiographic\$	USPAT	2004/07/06 11:07

	Title	Current OR	Current XRef	Retrieval Classif
1	Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent	600/420	324/309	
2	Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent	600/420	324/307; 324/309	
3	Method and apparatus for efficient stenosis identification and assessment using MR imaging	600/419	324/300; 324/307; 382/128; 600/407; 600/410; 600/420	
4	Therapeutic and diagnostic methods and compositions based on jagged/notch proteins and nucleic acids	536/23.5	435/254.2; 435/320.1; 435/69.1	
5	Method and apparatus for imaging abdominal aorta and aortic aneurysms	600/420	324/307; 324/309; 382/130; 600/410; 600/419	
6	System for assistance of parameter determination and diagnosis in MRI dynamic uptake studies	600/420	128/920; 600/431	
7	X-ray phase-contrast medical micro-imaging methods	378/43	378/119; 378/143	
8	Diffraction enhanced x-ray imaging of articular cartilage	378/82	378/84	
9	Method and apparatus for magnetic resonance arteriography using contrast agents	600/415	324/306; 324/309; 600/420	
10	Regeneration and augmentation of bone using mesenchymal stem cells	424/426	523/114; 523/115	
11	Apparatus and method for imaging an object with real-time response	378/62	378/82; 378/98.9	
12	Phase retrieval in phase contrast imaging	378/98.9	378/98.11; 378/98.12	
13	Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent	600/420	324/307; 324/309	

	Title	Current OR	Current XRef	Retrieval Classif
14	Preparing artificial organs by forming polylayers of different cell populations on a substrate	424/423	424/93.7; 425/177; 425/180; 425/395	
15	X-ray image radiographing method and X-ray image radiographing apparatus	378/62	378/70	
16	Photographic combination for use in radiography	378/182	378/185	
17	Method and apparatus for rapid assessment of stenosis severity	600/419	324/306; 324/309; 600/420	
18	Method and apparatus for magnetic resonance arteriography using contrast agents	600/420	324/306; 600/415	
19	Method and apparatus for administration of contrast agents for use in magnetic resonance arteriography	600/420		
20	Method and system for acquisition of preferential arterial and venous images for MR angiography	600/413	324/307; 324/309	
21	Method of magnetic resonance arteriography	600/420	324/307; 324/309	
22	Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent	600/420	324/307; 324/309	
23	Method for imaging an artery using a magnetic resonance contrast agent	600/420	324/307; 324/309	
24	Phase retrieval in phase contrast imaging	378/98.9	378/98.11; 378/98.12	
25	Heterologous gene expression in lactococcus, and the expression products therefrom	435/252.3	435/471; 435/69.1	
26	Simplified conditions and configurations for phase-contrast imaging with hard x-rays	378/62	378/82	
27	Particulate radiopaque contrast agent for diagnostic imaging and microvascular characterization	424/9.411	424/9.42; 424/9.43; 424/9.44	

	Title	Current OR	Current XRef	Retrieval Classif
28	Method and system for MRI venography including arterial and venous discrimination	600/413	324/309	
29	In situ activation of microcapsules	424/489	264/4.1; 264/4.3; 264/4.32; 264/4.33; 424/423; 424/450; 428/402.2; 428/402.21; 514/951	
30	Scanning device or methodology to produce an image incorporating correlated superficial, three dimensional surface and x-ray images and measurements of an object	600/407		
31	Detection of necrotic malignant tissue and associated therapy	424/1.49	424/1.11; 424/141.1; 424/9.2	
32	Simplified conditions and configurations for phase-contrast imaging with hard x-rays	378/62	378/82	
33	Detection of necrotic malignant tissue and associated therapy	424/9.2	424/1.11; 424/1.49; 530/387.2	
34	Method and apparatus for magnetic resonance arteriography using contrast agents	600/420	324/306; 600/415	
35	Detection of necrotic malignant tissue and associated therapy	424/1.49	424/1.11; 424/9.1; 530/387.1	
36	Fas ligand compositions for treatment of proliferative disorders	514/44	435/320.1; 435/375; 435/377; 435/6; 435/69.1	
37	Autobiotics and their use in eliminating nonself cells	514/425	514/675; 514/693	
38	Ultrahigh resolution interferometric x-ray imaging	378/62	378/37; 378/7	
39	Method for imaging abdominal aorta and aortic aneurysms	600/420	600/419; 600/431; 600/432	

	Title	Current OR	Current XRef	Retrieval Classif
40	Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent	600/420	324/307; 324/309	
41	Method of magnetic resonance arteriography using contrast agents	600/420	600/410; 600/419	
42	Hematopoietic cells: compositions and methods	424/93.1	424/93.7; 435/325; 435/347; 435/373; 435/375; 435/377	
43	Tissue-engineered bone repair using cultured periosteal cells	424/423	623/23.72	
44	Iterative method of determining trajectory of a moving region in a moving material using velocity measurements in a fixed frame of reference	600/410	324/307	
45	Method and apparatus for magnetic resonance imaging of arteries using a magnetic resonance contrast agent	600/420	324/309	
46	Method for imaging abdominal aorta and aortic aneurysms	600/420	600/419	
47	K-filter for serial high-speed rotatography and apparatus for the rotatography	378/156	378/159	
48	Method and apparatus for administration of contrast agents for use in magnetic resonance arteriography	600/420	600/431	
49	Process of preparing x-ray contrast compositions containing nanoparticles	424/9.45	424/9.451	
50	Display system for enhancing visualization of body structures during medical procedures	600/407	345/7; 345/9; 348/77; 600/417; 606/130	
51	Magnetic resonance arteriography with dynamic intravenous contrast agents	600/413	424/9.3; 424/9.36; 600/419; 600/420; 600/431; 600/432	

	Title	Current OR	Current XRef	Retrieval Classif
52	Hard x-ray magnification apparatus and method with submicrometer spatial resolution of images in more than one dimension	378/43	378/85	
53	Segmentation of stationary and vascular surfaces in magnetic resonance imaging	324/306	324/309	
54	Detection of necrotic malignant tissue and associated therapy	424/1.49	424/1.53; 424/178.1; 424/183.1; 424/9.34; 530/388.2; 530/388.8; 530/391.3; 530/391.7	
55	Detection of necrotic malignant tissue and associated therapy	424/1.49	424/9.34; 424/9.4; 424/9.41; 424/9.42; 435/7.21; 435/7.23; 530/388.2; 530/388.8; 530/391.3	
56	Technique for healing lesions in cartilage	128/898		
57	Murine hybridoma Lym-1 and diagnostic antibody produced thereby	424/1.49	424/153.1; 424/178.1; 424/9.34; 530/388.73; 530/391.3; 530/391.7	
58	Photographic elements with improved surface characteristics	430/539	430/950; 430/961	
59	Photographic elements with improved surface characteristics	430/539	430/950; 430/961	

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2 Mathematical foundations of phase-contrast computed tomography*Bronnikov, A.V.;*

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[\[Abstract\]](#) [\[PDF Full-Text \(67 KB\)\]](#) IEEE CNF
3 Computed microtomography (/spl mu/CT) with unmonochromatized synchrotron X-rays for cancerous human breast tissue and mouse vertebrae*Haijo Jung; Hee-Joung Kim; Soonil Hong; Jin-O Hong; Ha-Kyu Jeong; Jung H. Bo-Ra Kim; Hyung-Sik Yoo;*

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